Index of Claims

| Application/Control No | ). |
|------------------------|----|
|------------------------|----|

Applicant(s)/Patent under Reexamination

10/786,909 Examiner

HERRERA, BRYAN M.

Art Unit

Steven B. Pollicoff

3728

Rejected **Allowed** 

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla     | aim      |          |  |          | 1        | Date     | 9                                   |              |              |                  | ] | Cla      | aim      |          |   |          | [        | Date     | В            |            |                |              |
|---------|----------|----------|--|----------|----------|----------|-------------------------------------|--------------|--------------|------------------|---|----------|----------|----------|---|----------|----------|----------|--------------|------------|----------------|--------------|
|         |          | 5        |  |          |          |          |                                     |              |              |                  | 1 |          |          |          |   |          |          |          |              |            |                |              |
| <u></u> | Original | 11/22/05 |  |          |          |          |                                     |              |              |                  |   | Final    | Original |          |   |          | İ        |          |              |            | ļ              |              |
| Final   | ji       | 1/2      |  |          |          |          |                                     |              |              |                  |   | 냰        | rig      |          |   |          | l        |          | i            |            |                | H            |
|         | 0        | 1        |  |          |          |          |                                     |              |              |                  |   |          | 0        |          |   |          |          |          |              |            | ĺ              |              |
|         | (1)      | 7        |  |          |          | Г        |                                     |              | П            |                  | 1 |          | 51       |          |   |          |          |          |              |            |                |              |
|         | 2        | 7        |  |          |          | Г        |                                     |              | Г            | Г                | 1 |          | 52       |          |   |          |          |          |              |            |                |              |
|         | 3        | 7        |  |          |          |          |                                     |              |              |                  |   |          | 53       |          |   |          |          |          |              |            |                |              |
|         | 4        | 7        |  |          | Г        | Π        |                                     |              |              |                  |   |          | 54<br>55 |          |   |          |          |          |              |            |                |              |
|         | 5        | 1        |  |          |          |          |                                     |              |              |                  |   |          | 55       |          |   |          |          |          |              |            |                |              |
|         | 6        | 1        |  |          |          |          |                                     |              |              |                  |   |          | 56       |          |   |          |          |          |              |            | _              | Ш            |
|         | 7        | 1        |  |          |          |          |                                     |              |              |                  |   |          | 57       |          |   |          |          |          |              |            |                |              |
|         | 8        | 1        |  |          |          |          |                                     |              |              |                  |   |          | 58       |          |   |          |          | 乚        |              |            |                | Ш            |
|         | 9        | 7        |  |          |          |          |                                     |              |              |                  |   |          | 59       |          |   |          |          |          |              |            |                | Ш            |
|         | 19       | 7        |  |          |          |          |                                     |              |              |                  |   |          | 60       |          |   |          |          |          |              |            | L              |              |
|         | (11)     | 7        |  |          |          |          |                                     |              |              |                  |   |          | 61       |          |   |          |          |          |              | L          |                | Ш            |
|         | 12       | 7        |  |          |          |          |                                     |              |              |                  |   | •        | 62       |          |   |          |          |          | _            | _          |                |              |
|         | 13       | 7        |  |          |          |          |                                     |              |              |                  |   |          | 63       |          |   |          |          |          | _            | _          |                | Ш            |
|         | 14       | ķ        |  |          |          |          |                                     |              |              |                  |   |          | 64       |          |   |          |          |          | L            | L          |                | Ш            |
|         | 15       | 7        |  |          |          |          |                                     |              |              |                  |   |          | 65       |          |   |          | L        |          |              | L          | L              | Ш            |
|         | 16       | 7        |  |          |          |          |                                     | L            | L            |                  |   |          | 66       |          |   |          |          |          | L            | L          | _              | Ш            |
|         | 17       | 1        |  |          |          |          |                                     |              |              |                  |   |          | 67       | Ш        |   |          | <u> </u> | L        | <u> </u>     | L          |                |              |
|         | 18       | 7        |  |          |          |          |                                     | L            |              | L                |   |          | 68       |          | _ |          | <u> </u> | <u> </u> |              |            |                | Ш            |
|         | 19       | 7,       |  |          |          |          |                                     |              |              |                  |   |          | 69       |          |   |          | _        | _        |              | L          | L              | Ш            |
|         | 20       | 7        |  |          |          |          |                                     |              |              |                  |   |          | 70       |          |   |          |          |          |              |            | L              |              |
|         | 21       |          |  |          |          |          |                                     |              |              |                  |   |          | 71       |          |   |          |          |          |              |            | L.,            | Ш            |
|         | 22       |          |  |          |          |          |                                     |              |              |                  |   |          | 72       |          |   |          |          | L        |              | L_         |                |              |
|         | 23       |          |  |          |          |          |                                     |              |              |                  |   |          | 73       |          |   |          |          | L        |              |            |                |              |
|         | 24       |          |  |          |          |          |                                     |              |              | L                |   |          | 74       |          |   |          |          |          | L            | L          |                | Ш            |
|         | 25       |          |  |          |          |          |                                     | L            |              |                  |   |          | 75       |          |   |          | L        | L.       | L            |            |                |              |
|         | 26       |          |  |          |          |          |                                     |              |              |                  |   |          | 76       |          | _ |          |          | L        |              | L          | L              | Ш            |
|         | 27       |          |  |          | _        |          |                                     |              |              | L                |   |          | 77       | Ш        |   |          |          | <u> </u> |              | L          | L              | Ш            |
|         | 28       |          |  |          |          |          |                                     | L            |              |                  |   |          | 78       | Ш        |   |          |          | L        |              |            | <u> </u>       |              |
|         | 29       |          |  |          |          | L        |                                     | L            | <u> </u>     | _                |   |          | 79       | Ш        |   |          |          | L.       |              |            | _              |              |
|         | 30       |          |  |          |          | _        |                                     |              | L            |                  |   |          | 80       | Ш        |   |          |          | L        | _            |            | L              | Ш            |
|         | 31       |          |  |          |          |          |                                     | _            |              |                  |   |          | 81       | Ш        |   |          |          | L        | L            | _          | L              |              |
|         | 32       |          |  |          |          | L        |                                     | L            | <u> </u>     |                  |   | L        | 82       | Ш        |   |          | _        |          |              | _          | L              | Ш            |
|         | 33       |          | L  |          |          | L        |                                     | L            | <u> </u>     | L                |   |          | 83       | Ш        |   |          |          | L        | _            |            | ╙              |              |
|         | 34       |          |  |          |          |          |                                     | _            |              |                  |   |          | 84       | Ш        |   | _        | <u> </u> | <u> </u> | <u></u>      | <b>I</b> _ | L_             | Ш            |
| <u></u> | 35       |          | L_   |          | <u> </u> | _        | <u> </u>                            | $oxed{oxed}$ | <u> </u>     |                  |   |          | 85       | Ш        | _ | _        | <u> </u> | <u> </u> | <u> </u>     | <u> </u>   | L_             | Щ            |
|         | 36       |          |  | <u></u>  | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | <u> </u>     | <u> </u>         |   | L        | 86       | Ш        |   |          | <u> </u> | L        | <u>L</u>     | <u> </u>   |                | Щ            |
| L       | 37       | L        | <u> </u>   | <u> </u> | _        | _        | <u> </u>                            | L            | $oxed{oxed}$ | oxdot            |   | <u> </u> | 87       | $\sqcup$ |   |          | <u></u>  | _        | <u> </u>     | <u> </u>   | <u> </u>       | Ш            |
| L       | 38       | L        | <u> </u>   |          |          |          | <u> </u>                            | <u> </u>     | <u> </u>     | $\vdash$         |   | <u> </u> | 88       | $\sqcup$ |   |          | L_       | L_       | <u> </u>     | L_         | _              | Ш            |
| L       | 39       |          |  |          | <u>_</u> | L.       | <u> </u>                            | <u> </u>     | $oxed{oxed}$ | $oxed{oxed}$     |   | L        | 89       | $\sqcup$ |   |          | L.       | L.       | _            | L.         | <u> </u>       | Ш            |
|         | 40       | L        | $ldsymbol{ld}}}}}}$ | <u></u>  |          |          | <u>_</u>                            | <u> </u>     | <u> </u>     | _                | ] |          | 90       | Ш        |   |          | L_       | <u> </u> | <u> </u>     | L_         | <u> </u>       |              |
|         | 41       | L        |  | <u>L</u> |          | <u>L</u> | <u>_</u>                            | _            | $oxed{oxed}$ |                  | ] |          | 91       | Ш        |   | _        | <u> </u> | <u></u>  | <u> </u>     | _          | 1_             | Щ            |
|         | 42       | L        | <u></u>  | <u> </u> | _        | _        |                                     | oxdot        | <u> </u>     | <u> </u>         |   |          | 92       | Ш        | _ |          | _        | <u> </u> | <u></u>      | <u> </u>   | ↓_             | $oxed{oxed}$ |
|         | 43       | L        |  |          | <u> </u> | Ц.       | <u> </u>                            | <u> </u>     |              | $ldsymbol{oxed}$ |   |          | 93       |          |   |          | <u> </u> | <u> </u> | <u> </u>     | <u>_</u>   | <del> </del>   | Ш            |
| L       | 44       | _        |  |          |          | _        |                                     | 上            | $oxed{}$     | <u> </u>         | Į | L        | 94       | Ш        | _ | _        | <u> </u> |          | <u> </u>     | <u> </u>   | <u> </u>       | Ш            |
|         | 45       | <u> </u> |  | _        | <u> </u> | <u> </u> | <u> </u>                            | <u> </u>     | <u> </u>     |                  |   |          | 95       | Ш        |   |          | <u> </u> | <u> </u> | <u> </u>     | <u></u>    | <b>L</b>       | $\sqcup$     |
| <u></u> | 46       | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$  |          | _        | L        | <u> </u>                            | L            | _            | _                |   | <b></b>  | 96       |          |   |          | <u> </u> | <u> </u> | $\vdash$     | _          | <u> </u>       | ╙            |
| L       | 47       | L.       |  | _        | L        | _        | _                                   | 1_           | _            | _                | 1 |          | 97       | Ш        |   | _        | L        | L-       | $oxed{oxed}$ | _          | <u> </u>       | oxdot        |
|         | 48       | <u> </u> | <u> </u>   | <u> </u> | <u> </u> | _        | L_                                  | ┞            | <u> </u>     | _                | 1 | <u> </u> | 98       | Ш        | _ | _        | _        | 匚        | <u> </u>     | <u> </u> _ | <del> </del> _ | $\vdash$     |
| <u></u> | 49       | <u> </u> | <u> </u>   | _        | <u></u>  | <u> </u> | <u> </u>                            |              | <u> </u>     | <u> </u>         | 1 | <u> </u> | 99       | Ш        | _ | <u> </u> | <u> </u> | 1_       | <u> </u>     | ┞          |                | $\vdash$     |
| L       | 50       | <u> </u> | <u></u>  | L_       | L        | _        | <u>L</u>                            | L            | L            | <u> </u>         | ] | <u> </u> | 100      | Ш        |   | L_       | <u> </u> | <u></u>  | <u> </u>     | <u>L</u>   |                | Ц.           |

| Cla        | aim                  |                |          |                |          | Date                                |               |                |  |          |
|------------|----------------------|----------------|----------|----------------|----------|-------------------------------------|---------------|----------------|--|----------|
|            |                      |                |          |                |          |                                     |               |                |  |          |
| 🚎          | Original             |                |          |                |          |                                     |               |                |  |          |
| Final      | ij                   |                |          |                |          |                                     |               |                |  |          |
| 111        | Öri                  |                |          |                |          |                                     |               |                |  |          |
|            |                      |                |          |                |          |                                     |               |                |  |          |
|            | 51                   | _              |          |                |          |                                     |               |                |  |          |
|            | 5-                   | _              | $\dashv$ | $\vdash$       | -        | -                                   | -             |                | Н  | _        |
|            | 51<br>52<br>53       |                | $\perp$  |                |          |                                     |               |                |  |          |
| 1          | 53                   |                |          |                |          |                                     |               |                |  |          |
|            | 54                   |                |          |                |          |                                     |               |                |  |          |
|            | 54<br>55             |                |          |                |          |                                     |               |                |  |          |
| <b>├</b> ─ | -55                  | -              | $\vdash$ | $\vdash$       | -        | $\vdash$                            |               |                | Н  | _        |
| <u></u>    | 56                   |                | Ь.       |                |          | ш                                   | _             | _              |  |          |
| L          | 57                   |                |          |                |          |                                     |               |                |  |          |
|            | 58                   |                |          |                |          |                                     |               |                |  |          |
|            | 59                   |                |          |                |          |                                     |               |                | -  |          |
| $\vdash$   | 60                   |                |          | Н              |          | -                                   | -             | $\vdash$       | -  | _        |
|            | 00                   | $\vdash$       |          | ļ              |          |                                     |               |                |  |          |
|            | 61                   |                | Ш        | Ш              | نـــا    |                                     |               |                | Ш  |          |
| ·          | 62                   |                |          |                |          |                                     |               |                |  |          |
|            | 63                   |                |          | П              |          |                                     |               |                |  |          |
| $\vdash$   | 64                   | -              | $\vdash$ | Н              | $\vdash$ | -                                   | -             | _              | -  | _        |
| -          | 04                   |                | $\vdash$ | $\vdash$       | $\vdash$ | Н                                   | Щ             | -              |  | <u> </u> |
|            | 65                   |                | Ш        | Ш              |          |                                     | Ш             |                |  |          |
|            | 66                   |                |          |                |          |                                     | į             |                |  |          |
|            | 67                   |                |          |                |          |                                     |               |                |  |          |
| <u> </u>   | 69                   |                | -        | $\vdash$       | -        | H                                   | $\neg$        | _              |  |          |
| <b>├</b> ─ | 68<br>69             | _              | _        | _              | -        |                                     |               | _              |  | _        |
| -          | 69                   |                |          |                |          |                                     |               | _              |  | $\perp$  |
|            | 70                   |                | i        |                |          |                                     |               |                |  |          |
|            | 71                   |                |          |                |          |                                     |               |                |  |          |
|            | 72                   |                |          |                |          |                                     |               |                |  |          |
| $\vdash$   | 73                   |                |          | $\vdash$       | -        | -                                   |               |                |  | -        |
|            | 72<br>73<br>74<br>75 | _              | $\vdash$ | Н              |          | _                                   | _             |                |  |          |
|            | /4                   |                |          |                |          |                                     |               |                |  |          |
|            | 75                   |                |          |                |          |                                     |               |                |  |          |
|            | 76                   |                |          |                |          |                                     |               |                |  |          |
|            | 76<br>77             |                |          |                |          |                                     |               |                |  |          |
| <b>—</b>   | 78                   | $\vdash$       | -        |                |          | -                                   |               | _              | -  | -        |
| <u> </u>   | 10                   |                | $\vdash$ | -              | -        | <u> </u>                            | _             | _              | $\vdash$   |          |
| <u></u>    | 79                   |                | Ш        |                | _        |                                     | lacksquare    |                | _  |          |
| 1          | 80                   |                |          |                |          |                                     |               |                |  |          |
|            | 81                   |                |          |                |          |                                     |               |                |  |          |
| -          | 81<br>82<br>83       | П              |          | П              |          | т                                   | _             | _              |  |          |
|            | 02                   | -              |          | $\vdash$       | $\dashv$ | -                                   |               | -              | $\vdash$   | $\vdash$ |
|            | 03                   | <u> </u>       | _        |                | _        | H                                   |               | <u> </u>       | $\vdash$   | <u> </u> |
|            | 84                   | _              |          | _              |          |                                     |               | _              | L_   | <u>_</u> |
|            | 85                   |                |          |                |          |                                     |               | L              | L  | L        |
|            | 86                   |                |          | Г              |          |                                     |               |                |  |          |
| <b></b>    | 87                   | $\vdash$       | _        |                |          | Н                                   | Т             |                |  | $\vdash$ |
|            | 00                   | -              | $\vdash$ | -              | -        | -                                   | $\vdash$      | $\vdash$       |  |          |
| <u></u>    | 88                   | L              | $\vdash$ | _              | ш        |                                     | Ш             | _              | _  | <u> </u> |
| L          | 89                   |                | L        | L              |          |                                     |               | L              |  |          |
|            | 90                   |                |          |                |          |                                     |               |                |  | _        |
|            | 91                   | $\vdash$       | Г        | $\vdash$       |          | Г                                   |               |                |  | T        |
| 1          | 92                   | -              | -        | $\vdash$       |          | -                                   | $\vdash$      | $\vdash$       | <del>                                     </del> | $\vdash$ |
|            | 92                   | <u> </u>       | -        |                | -        | <del> </del>                        | -             | -              | -  | -        |
|            | 93                   | L_             |          | $\vdash$       | L        | <u> </u>                            | <u> </u>      | <u> </u>       | <u> </u>   | _        |
| L          | 94                   |                |          |                | L        | L                                   | L             | L              | L  | L        |
|            | 95                   |                |          |                |          |                                     |               |                |  |          |
| $\Box$     | 96                   | _              |          | Г              | _        |                                     | $\overline{}$ | Г              | Г  | _        |
| -          |                      | <del>  -</del> | -        | $\vdash$       | $\vdash$ | -                                   | $\vdash$      | $\vdash$       | -  | $\vdash$ |
|            | 97                   | <u> </u>       |          | <del> </del> — | <u> </u> | <del>  -</del>                      | $\vdash$      | <del> </del> — | ├-   | ├-       |
| <u></u>    | 98                   |                | _        | _              |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>      | _              | <b>!</b> —                                       | <u> </u> |
|            | 99                   |                | _        | L              |          | L                                   | L             | L              | L  | L        |
|            | 100                  |                |          |                |          |                                     |               |                |  |          |

| Cli          | Date              |  |          |          |          |          |  |               |              |                 |  |
|--------------|-------------------|--|----------|----------|----------|----------|--|---------------|--------------|-----------------|--|
| Final        | Original          |  |          |          |          |          |  |               |              |                 |  |
|              |                   |  |          |          |          | _        |  |               | _            | H               |  |
|              | 101<br>102        |  | _        | _        | _        | _        |  |               |              | H               |  |
|              | 103               |  |          |          |          |          | П  |               |              | П               |  |
|              | 104               |  |          |          | _        |          |  |               |              | П               |  |
|              | 104<br>105        |  |          |          |          |          |  |               |              |                 |  |
|              | 106               |  |          |          |          |          |  |               |              |                 |  |
|              | 107               |  |          |          |          |          |  |               |              |                 |  |
|              | 108               |  |          |          |          |          |  |               |              | Ц               |  |
|              | 109               | L.   |          | <u> </u> |          |          |  |               | _            | Щ               |  |
|              | 110               | _  | <u> </u> | <u> </u> | _        | ldash    | <u> </u>   |               |              | Щ               |  |
|              | 111               | <u> </u>   | <u> </u> | <u> </u> | _        | <u> </u> | _  |               | <u> </u>     | Н               |  |
| <b></b>      | 112<br>113        | <u> </u>   | <u> </u> | <u> </u> | _        | <u> </u> | -  | H             | -            | Н               |  |
|              | 113               | <u> </u>   |          | -        | <u> </u> | $\vdash$ |  | _             | -            | Н               |  |
|              | 114               | $\vdash$   | ├-       | $\vdash$ |          | $\vdash$ | $\vdash$   | _             | -            | ├─┤             |  |
| -            | 115<br>116        | -  | $\vdash$ | $\vdash$ | _        | $\vdash$ |  | _             | -            | $\vdash \vdash$ |  |
| -            | 117               | _  | ┢        | $\vdash$ | _        | -        | $\vdash$   |               | -            | H               |  |
|              | 117<br>118        | _  |          |          |          | l –      | $\vdash$   |               | $\vdash$     | Н               |  |
|              | 119               | $\vdash$   | _        | $\vdash$ |          | $\vdash$ |  |               |              | Н               |  |
|              | 120<br>121<br>122 | $\vdash$   | $\vdash$ | $\vdash$ |          |          |  |               |              | П               |  |
|              | 121               |  |          |          |          |          |  |               | _            | П               |  |
|              | 122               |  |          |          |          |          |  |               |              |                 |  |
|              | 123               |  |          |          |          |          |  |               |              |                 |  |
|              | 123<br>124        |  |          |          |          |          |  |               |              |                 |  |
|              | 125<br>126        |  | L        |          |          |          |  |               | _            | Ш               |  |
|              | 126               | <u> </u>   |          | _        |          |          |  |               | <u> </u>     |                 |  |
|              | 127               | <u> </u>   | <u> </u> | _        | _        | _        |  |               | <u> </u>     | -               |  |
|              | 128<br>129        | _  | <u> </u> | _        | <u> </u> | ⊢        | _  | -             | $\vdash$     | Н               |  |
|              | 130               |  | ├—       | -        | <u> </u> | -        | $\vdash$   | <u> </u>      | ├            | Н               |  |
|              | 130               | -  | $\vdash$ | -        | <u> </u> | -        | $\vdash$   | $\vdash$      | ┝            | Н               |  |
|              | 131<br>132        |  | -        |          | -        | ├─       | $\vdash$   | _             |              | Н               |  |
|              | 133               | -  | ┢╌       | -        | ┝        |          | -  | _             | -            | Н               |  |
| _            | 134               |  | $\vdash$ | 一        | $\vdash$ | -        | $\vdash$   | ┢             | <del> </del> | -               |  |
|              | 135               | $\vdash$   | _        | 1        |          |          | _  | _             | _            | П               |  |
|              | 136               |  |          | $\vdash$ | $\vdash$ | $\vdash$ | _  | _             |              |                 |  |
|              | 137               | Г  |          |          | Г        |          |  |               |              |                 |  |
|              | 138               |  |          |          |          |          |  |               |              |                 |  |
|              | 139               |  |          |          |          |          | ·  |               |              |                 |  |
|              | 140               | $\overline{\Box}$                                | Ĺ        |          |          |          | <u> </u>   | L             |              | Ц               |  |
|              | 141               |  | _        | <u> </u> | _        | _        | _  | L             | _            | Ш               |  |
|              | 142               | _  | _        | <u> </u> | L        | <u> </u> | <u> </u>   | _             | -            | L               |  |
|              | 143               |  | <u> </u> | <u> </u> |          | ├-       |  | <u> </u>      |              | -               |  |
|              | 144               | <del>                                     </del> | ⊢        | ├-       | -        |          | -  | -             | -            | -               |  |
| <b> </b> -   | 145               | 1—   | -        | ┼-       | -        | -        | $\vdash$   |               | $\vdash$     | -               |  |
|              | 146               | $\vdash$   | H        | ├-       | -        | $\vdash$ | -  | -             | -            | $\vdash$        |  |
| <del> </del> | 147<br>148        | -  | -        | +-       | ├        | $\vdash$ | $\vdash$   | $\vdash$      | -            | -               |  |
| <del> </del> | 149               | $\vdash$   | -        | $\vdash$ | -        | $\vdash$ | <del>                                     </del> | -             | _            | $\vdash$        |  |
| <u> </u>     | 150               | $\vdash$   | -        | +        | -        | $\vdash$ | <del>                                     </del> | <del> -</del> | _            | $\vdash$        |  |
| L            | 1 130             | Щ  | L        | <u> </u> | <u> </u> |          |  |               |              | Щ.              |  |